IP Link® Device Interface
Ethernet Communication Sheet

This document provides additional assistance with wiring your Extron IP Link enabled product to your device. Different components may require a different wiring scheme than those listed below.

For complete operating instructions, refer to the user's manual for the specific Extron IP Link enabled product or the controlled device manufacturer supplied documentation.

Device Specifications:

Device Type:	Video Projector
Manufacturer:	Sharp
Firmware Version:	N/A
Model(s):	PG-D40W3D, PG-D2870W, PG-D3050W, PG-D3550W,

Minimum Software and Firmware Requirements:

IP Link Compiler	IP Link Firmware	GC Version
1.4.0	1.15	3.2.0

Version History:

Driver Version	Date	Notes
2	7/15/2011	Added model PG-D2870W, PG-D3050W, PG-D3550W,.
1	6/16/2011	Initial version.

Driver Notes:

Bidirectional communication is required for Aspect Ratio to work properly.

Control Commands & States:

Aspect Ratio	Normal	Stretch	Dot by Dot*
	Full*	Area Zoom**	V-Stretch**
Auto Image	Execute		
AV Mute	On	Off	
Freeze	On	Off	
Input	Computer 1	Computer 2	HDMI
	S-Video	Video	
Lamp Mode	Eco	Normal	
On Screen Display	On	Off	
Power Control	On	Off	
Volume (Discrete)	0 to 60 in steps of 1		
Volume (Step)	Up	Down	

*: Only available for inputs Computer 1, Computer 2, or HDMI.
**: Only available for inputs S-Video and Video

Status Available:

Aspect Ratio	Normal	Stretch	Dot by Dot
	Full	Area Zoom	V-Stretch
AV Mute	On	Off	
Connection Status	Connected	Disconnected	
Device Status	Normal	Temp High	Lamp Life 5% or Less
	Lamp Burnt-out	Lamp Ignition Failure	Fan Error
	Lamp Cover Open	Temp Abnormally High	Status Unavailable
Freeze	On	Off	
Input	Computer 1	Computer 2	HDMI
	S-Video	Video	
Lamp Mode	Eco	Normal	
Lamp Status	On	Off	Retry
	Waiting	Lamp Error	Status Unavailable
Lamp Usage	Hours		
On Screen Display	On	Off	
Power Control	On	Off	
Power Status	On	Off	Cooling Down
	Status Unavailable		
Volume (Discrete)	0 to 60 in steps of 1		

Network communication:

When configuring the Ethernet driver, be sure device settings match that of the GC configuration.

Port Type:	Ethernet
Logon Credentials Supported:	Yes
Default User Name:	user
Default Password:	0000
Default Port:	10002
Multi-Connection Capable:	No
Port Changeable:	Yes

Ethernet Driver Configuration Description:

Please refer to user manual for settings and changes to the network communication parameters such as Port Number, User Name and Password.

Notes for the Device: